

ABSTRACT

It is an object of the present invention to provide
a novel mass spectrometry method which overcomes the
5 conventional problems mentioned above, which can analyze
at a high sensitivity and high accuracy a chemical reaction
on a surface of a self-organized membrane bound to a metal,
and which can be applied to analysis of structures of a sugar
chain in future. According to the present invention, a method
10 for performing mass spectrometry of sulfur atom-containing
derivatives of an organic residue, characterized in that
the method includes ionizing a metal-organic residue complex
into the derivatives, wherein the complex has the organic
residue bound through a sulfur atom to the metal is provided,
15 thereby solving the above problems.